A. H. Form 133.

Subject Pen 13 - Fed Fish Meal.
Taken by
Place U. S. Experimental Farm, Beltsville, Md.
Date October, 1916.
Published in
File No. 6572-C

A. H. Form 133.

Subject Feeding Pen 15 - Hens Fed Cottonseed Meal
Taken by
Place U. S. Experimental Farm, Beltsville, Md.
Date October, 1916
Published in Dep. Bull. 561
File No. 6571-C

A. H. Form 133.

Subject Feeding Pen No. 8, U. S. Experimental

Taken by Farm.

Place Beltsville, Md.

Date October 1914

Published in

File No. 4213-C

A. H. Form 133.

Subject Feeding Pen No. 7, U. S. Experimental
Taken by Farm.
Place Beltsville, Md.
Date October 1914
Published in Dep. Bull. 561
File No. 4414-C

A. H. Form 133.

Subject Feeding Pen No. 3, U. S. Experimental Farm.
Taken by
Place Beltsville, Md.
Date October 1914
Published in
File No. 4216-C

A. H. Form 133.

Subject Feeding Pen No. 6
Taken by
Place Beltsville Farm
Date 1915
Published in Dep. Bull. 561
File No. 8766-B

A. H. Form 133.

Subject Feeding Pen No. 5
Taken by
Place Beltsville Farm
Date 1915
Published in
File No. 8756-B

8788-B

A. H. Form 133.

Subject Feeding Pen No. 5
Taken by
Place U. S. Experimental Farm, Beltsville, Md
Date 1915
Published in
File No. 8788-B

8787-B

A. H. Form 133.

Subject Feeding Pen No. 5
Taken by
Place U. S. Experimental Farm, Beltsville, Md
Date 1915
Published in
File No. 8787-B

A. H. Form 133.

Subject Feeding Pen No. 1
Taken by
Place Beltsville Farm
Date 1915
Published in
File No. 8765-B

A. H. Form 133.

Subject Feeding Pen No. 2
Taken by
Place Beltsville Farm
Date 1915
Published in Dep. Bull. 561
File No. 8764-B

A. H. Form 133.

Subject Feeding Pen No. 4
Taken by
Place Beltsville Farm
Date 1915
Published in Dep. Bull. 561
File No. 8763-B

A. H. Form 133.

Subject Feeding Pen No. 3, Beltsville Farm
Taken by
Place
Date 1915
Published in
File No. 8760-B

A. H. Form 133.

Subject Feeding Pen No. 9

Taken by

Place Beltsville Farm,

Date 1915

Published in Dep. Bull. 561

File No. 8757-B

A. H. Form 133.

Subject Feeding Sprouted Oats (Pen 3)
Taken by A. R. Lee
Place Experimental Farm, Beltsville, Md
Date March 1915
Published in
File No. 5017-A

A. H. Form 133.

Subject Feeding Pen (5), Beltsville, Md.
Taken by A. R. Lee
Place
Date March 1915
Published in
File No. 5015-A

A. H. Form 133
Subject Chicks on low meat protein (10%), showing poor growth, rough feathering but no leg weakness at 10 weeks. Pen 15
Taken by
Place W. A. Stenhouse, Beltsville, Md.
Date Feb. 24, 1926.
Published in
File No. 30615-R
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Chicks on low meat protein (10%) and extra mineral. Showing poor growth but no leg weakness at 10 weeks in Pen 16.
Taken by
Place W. A. Stenhouse, Beltsville, Md.
Date Feb. 24, 1926.
Published in
File No. 30616-B
Slide No.

A. H. Form 133
Subject Chicks on high meat protein (20%). Showing growth and leg weakness at 10 weeks
Taken by in Pen 17
Place W. A. Stenhouse
Date Beltsville, Md. Feb. 24, 1926.
Published in
File No. 30617-B
Slide No.

A. H. Form 133
Subject Chicks on normal ration, showing growth and no leg weakness at 10 weeks in Pen 18.
Taken by Feathering more even and much smoother
Place than in protein pens.
Date W. A. Stenhouse, Beltsville, Md.
Published in Feb. 24, 1926.
File No. 30618-B
Slide No.

A. H. Form 133
Subject Chicks on average meat protein (11%), showing growth and leg weakness at 10 wks.
Taken by Pen 19.
Place W. A. Stenhouse, Beltsville, Md.
Date February 24, 1926.
Published in
File No. 30619-B
Slide No.

A. H. Form 133
Subject Typical cases of leg weakness in brooder chicks, Pen 20 (10 weeks old)
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Feb. 24, 1926.
Published in
File No. 30625-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Typical cases of leg weakness in brooder chicks, Pen 20 (10 weeks old)
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Feb. 24, 1926.
Published in
File No. 30624-B
Slide No.

A. H. Form 133
Subject Chicks on average meat protein (17%) and extra mineral, showing growth and leg weakness at 10 weeks in Pen 20. Leg weakness was just as bad in pens receiving extra mineral
Taken by
Place
Date
Published in W. A. Stenhouse, Beltsville, Md. 2/24/26
File No. 30620-B
Slide No.

A. H. Form 133
Subject Chicks on medium meat protein (13%) showing only fair growth, rough feathering and some leg weakness at 10 Weeks in Pen 21
Taken by W. A. Stenhouse, Beltsville, Md.
Place Feb. 24, 1926.
Date
Published in
File No.
Slide No. 30621-B

A. H. Form 133
Subject Chicks on medium meat protein (13%) and extra mineral. Showing only fair growth, rough feathering and leg weakness at 10 weeks in Pen 22.
Taken by W. A. Stenhouse, Beltsville, Md.
Place
Date Feb. 24, 1926.
Published in
File No. 30622-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on high milk protein (17%) showing good growth in Pen 23
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 8, 1926.
Published in
File No. 30717-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on low milk protein (10%) showing poor growth in Pen 24
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 8, 1926
Published in
File No. 30716-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133

Subject Brooder chicks, Pen 23, 8½ weeks old
(See photo taken at 10 weeks)

Taken by W. A. Stenhouse

Place Beltsville, Md.

Date Feb. 24, 1926.

Published in

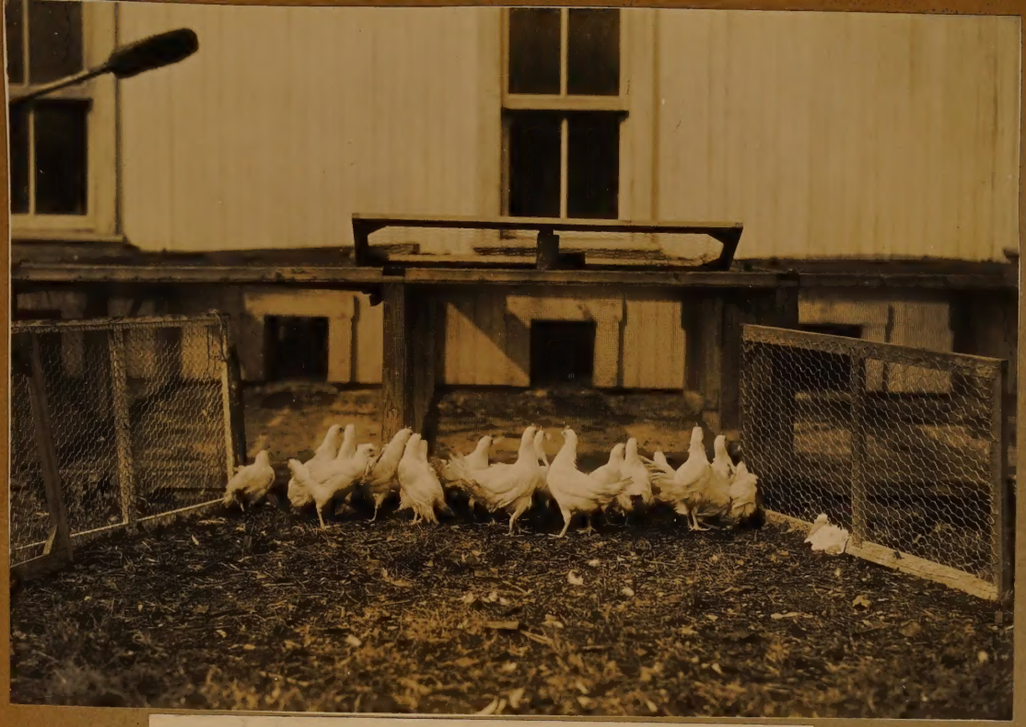
File No. 30623-B

Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on low milk protein (10.5%) plus extra mineral showing poor growth in Pen 25.
Taken by W. A. Stenhouse, Beltsville, Md.
Place
Date March 8, 1926
Published in
File No. 30715-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on normal ration showing good growth in Pen 26.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 8, 1926
Published in
File No. 30713-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on normal ration showing good growth in Pen 26.
Taken by W. A. Stenhouse, Beltsville, Md.
Place March 8, 1926.
Date
Published in
File No. 30714-B
Slide No.



A. H. Form 133
Subject Chicks (10 weeks) on medium milk protein (13.7%) plus extra mineral showing only fair growth and some leg weakness in Pen 28.
Taken by
Place W. A. Stenhouse, Beltsville, Md.
Date March 8, 1926.
Published in
File No. 30710-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on medium milk protein (13.9%) showing fair growth and some leg weakness in Pen 27.
Taken by
Place W. A. Stenhouse, Beltsville, Md.
Date March 8, 1926.
Published in
File No. 30712-B
Slide No.

A. H. Form 133
Subject Chicks (10 weeks) on medium milk protein (13.9%) showing fair growth and some leg weakness in Pen 27.
Taken by
Place W. A. Stenhouse, Beltsville, Md.
Date March 8, 1926.
Published in
File No. 30711-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test
Taken by (14 wks) Normal ration- Pen 29
Place W. A. Stenhouse
Date Beltsville, Md.
Published in Aug. 6, 1926
File No. 32401-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test-
Taken by (14wks) Pen 35, 13.7% protein, 2% yeast,
Place W. A. Stenhouse
Date Beltsville, Md.
Published in Aug. 6, 1926.
File No. 32405-B
Slide No.

A. H. Form 133 Effect of amount of protein on growth
Subject of White Leghorn chicks. Photos taken at end of test (14 wks) Pen #39- 21.5% protein, 2% yeast.
Taken by
Place W. A. Stenhouse
Date Beltsville, Md. Aug. 6, 1926.
Published in
File No. 32410-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Photos taken at end of test (14 wks) Pen 40- 17.5% protein, 4% yeast.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Aug. 6, 1926.
Published in
File No. 32411-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test (14 wks) Pen 37, 17.5% protein, 2% yeast.
Taken by W. A. Stenhouse, Beltsville, Md.
Place
Date Aug. 6, 1926.
Published in
File No. 32407-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn Chicks. Taken at end of test (14 wks) Pen 42- 17.5% protein, 20% Middlings, 2% yeast.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Aug. 6, 1926.
Published in
File No. 32413-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test
Taken by (14 wks) Pen 33, 10% protein, 2% yeast
Place W. A. Stenhouse
Date Beltsville, Md.
Published in Aug. 6, 1926
File No. 32403-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test.
Taken by (14 wks) Pen 34, 17.5% protein 1% yeast
Place W. A. Stenhouse
Date Beltsville, Md. Aug. 6, 1926.
Published in
File No. 32404-B
Slide No.

A. H. Form 133
Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test
Taken by (14 wks) Pen 32, 10% protein, no yeast.
Place W. A. Stenhouse
Date Beltsville, Md.
Published in Aug. 6, 1926.
File No. 32402-B
Slide No.

A. H. Form 133 Effect of amount of protein on growth
Subject of White Leghorn chicks. Photos taken at end of test (14 wks) Pen 38- 21.5% protein,
Taken by no yeast.
Place W. A. Stenhouse
Date Beltsville, Md. Aug. 6, 1926.
Published in
File No. 32409-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133 Effect of amount of protein on growth
Subject of White Leghorn chicks. Taken at end of test (14 wks) Pen 38, 21.5% protein, no yeast.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Aug. 6, 1926.
Published in
File No. 32408-B
Slide No.

A. H. Form 133 Effect of amount of protein on growth
Subject of White Leghorn chicks. Photos taken at end of test (14 wks) Pen 41- 17.5% protein, no yeast, no cod liver oil.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Aug. 6, 1926.
Published in
File No. 32412-B
Slide No.

A. H. Form 153

Subject Effect of amount of protein on growth of White Leghorn chicks. Taken at end of test (14 wks) Pen 36, 17.5% protein, no yeast

Taken by W. A. Stenhouse

Place Beltsville, Md.

Date Aug. 6, 1926.

Published in

File No. 32406-B

Slide No.

feeding experiment. Pen 43
ffect of unbalanced minerals
. A. Stenhouse
Beltsville, Md.
Jan. 7, 1927.

775-B

A. H. Form 133
Subject Chick feeding experiment. Pen 43, showing effect of unbalanced minerals.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32774-B
Slide No.
GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Chick feeding experiment. Pen 45, Better mineral mixture than used in Pen 43.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32785-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment. Pen 43 showing effect of unbalanced minerals
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32775-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment. Pen 43, showing effect of unbalanced minerals.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32774-B
Slide No.
GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Chick feeding experiment. Pen 45, Better mineral mixture than used in Pen 43.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32785-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment. Pen 46, 17.5% meat protein
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32784-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment. Pen 47, 13.5% milk protein
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32786-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment. Pen 48 21.5% meat protein.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date January 7, 1927.
Published in
File No. 32781-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment, Pen 49
Normal ration.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32776-B
Slide No.

A. H. Form 133
Subject Chick feeding experiment, Pen 49
Normal ration.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date January 7, 1927.
Published in
File No. 32777-B
Slide No.

A. H. Form 133 "Chick feeding experiment"
Subject Pen 50, 17.5% milk protein
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32780
Slide No.

A. H. Form 133 Chick feeding experiment
Subject Pen 51. 13.5% meat protein
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32779-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Chick feeding experiment. Pen 52.
21.5% milk protein
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Jan. 7, 1927.
Published in
File No. 32783-B
Slide No.

A. H. Form 133

Subject Chick feeding experiment. Pen 53. The feed was the same as Pen 46 but chickens received 20 minutes daily treatment from Ultra violet ray lamp.

Taken by W. A. Stenhouse, Beltsville, Md.

Place

Date Jan. 7, 1927.

Published in

File No. 32778-B

Slide No.

A. H. Form 133

Subject Chick feeding experiment. Pen 54. The feed was the same as Pen 50 but chicks received 20 minutes daily from an ultra violet ray lamp.

Taken by W. A. Stenhouse, Beltsville, Md.

Place

Date Jan. 7, 1927.

Published in

File No. 32782-B

Slide No.

A. H. Form 133
Subject Pen 55, showing the 5 largest and 5 smallest chicks on this date. Normal ration giving even growth.
Taken by W. A. Stenhouse
Place
Date March 23, 1927. Beltsville, Md.
Published in
File No. 33131-B
Slide No.

A. H. Form 133
Subject Pen 57, showing the 5 largest and 5 smallest chicks on this data. High meat protein ration gives very uneven growth.
Taken by
Place Beltsville, Md. W. A. Stenhouse
Date March 23, 1927.
Published in
File No. 33130-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Pen 55. Chicks 14 weeks old fed a normal ration, but confined to a brooder house
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33265-B
Slide No.

A. H. Form 133
Subject Pen 55, Chicks 14 weeks old fed a normal ration, but confined to a brooder house.
Taken by
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33264-B
Slide No.

A. H. Form 133
Subject Pen 56- Fed a ration of 19.5% milk protein- very uneven growth in this pen. This mineral mixture did not give good results with the milk ration, 5th test.
Taken by
Place
Date April 20, 1927.
Published in
File No. 33266-B
Slide No.

A. H. Form 133
Subject Pen 57- Fed a ration of 19.5% meat protein. The mineral used in this tast did better with the meat pratein than with the milk protein, 5th tast.
Taken by
Place
Date April 20, 1927.
Published in
File No. 33269-B
Slide No.

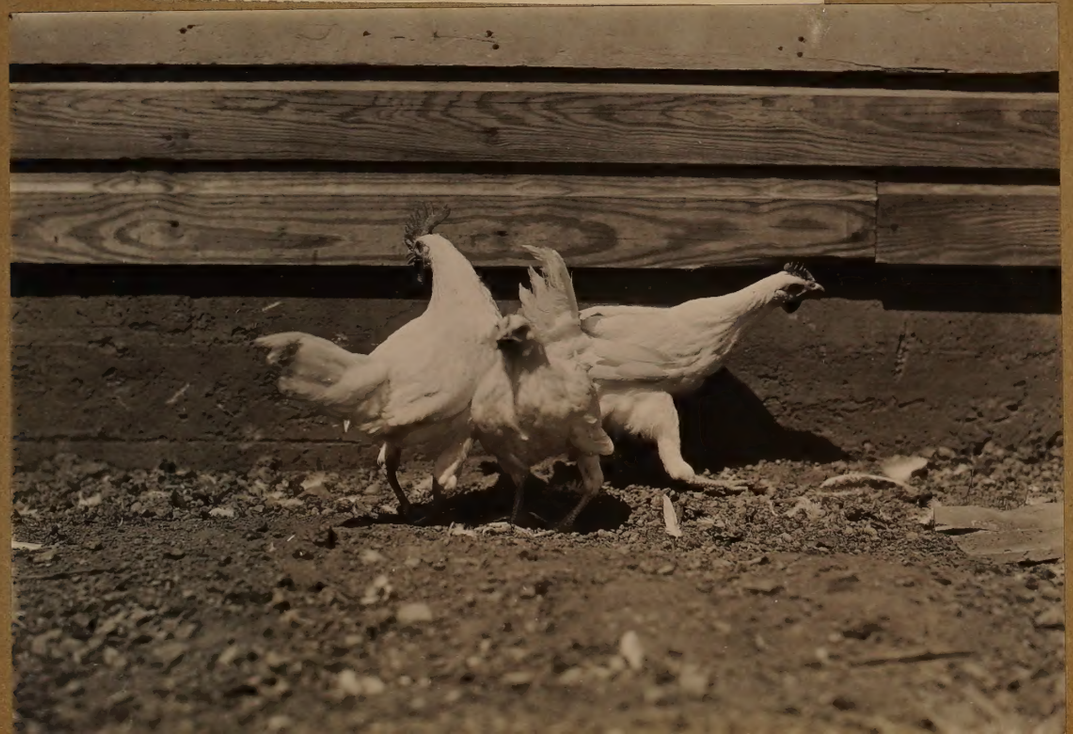
A. H. Form 133
Subject Pen 58. Fed a ration of 21.5% milk protein, 5th test.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33270-B
Slide No.

A. H. Form 133
Subject Pen 59- Fed a ration of 21.5% meat protein, 5th test.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33273-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Pen 60-Fed a ration of 14.1 milk protein with new mineral mixtura, 5th test
Taken by W. A. Stenhouse
Place Beltsvilla, Md.
Date April 20, 1927.
Published in
File No. 33252-B
Slide No.

A. H. Form 133
Subject Pen 61, fed a ration of 17.5 meat protein with old mineral mixture, 5th chick test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33254-B
Slide No.



A. H. Form 133
Subject Pen 61-Leg weakness in this pen caused by improper balance of calcium and phosphate in the mineral mixture.
Taken by
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33256-B
Slide No.

A. H. Form 133
Subject Pen 62, Fed a ration of 17.5 meat protein with new mineral mixture. Compare with Pen 61, 5th test.
Taken by
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33257-B
Slide No.

A. H. Form 133
Subject Pen 63, Fed a ration of 17.5 milk protein with new mineral mixture. 5th test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33259-B
Slide No.

A. H. Form 133
Subject Pen 64, Fed a ration of 17.5 milk protein with old mineral mixture. Compare with Pen 63, 5th test
Taken by
Place Beltsville, Md.
Date April 20, 1927.
Published in
File No. 33262-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133

Subject Pen 65- Fed a ration of 17.5% meat protein with 60% corn meal, compared to Pen 62 which received 73.5% corn meal, 5th test

Taken by

Place Beltsville, Md.

Date April 20, 1927.

Published in

File No. 33274-B

Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry
Pen 67, 12 weeks old.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33640-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry
Pen 68, 12 weeks old
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33641-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry,
Pen 70, 12 weeks old.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33642-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Nutrition experiment with poultry, Pen 72, 12 weeks old.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33643-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry, Pen 75, 12 weeks old.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33644-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry, Pen 76, 12 weeks old
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33645-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry, Pen 78, 12 weeks old
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33646-B
Slide No.

A. H. Form 133
Subject Nutrition experiment with poultry, Pen 79, 9 weeks old
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date July 21, 1927.
Published in
File No. 33647-B
Slide No.

A. H. Form 133
Subject Pen O-Normal ration, McCollum Project
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date October 25, 1927.
Published in
File No. 33925-B
Slide No.

A. H. Form 133
Subject Pen 1- McCollum Project
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Oct. 25, 1927.
Published in
File No. 33918-B
Slide No.

A. H. Form 133
Subject Pen 2- McCollum Project
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Oct. 25, 1927.
Published in
File No. 33919-B
Slide No.

A. H. Form 133
Subject Pen 3, McCollum Project.

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Oct. 25, 1927.
Published in
File No. 33920-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Pen 4, McCollum Project

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Oct. 25, 1927.
Published in
File No. 33921-B
Slide No.

A. H. Form 133
Subject Pen 5- McCollum Project

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Oct. 25, 1927.
Published in
File No. 33922-B
Slide No.

A. H. Form 133
Subject Pen 7- McCollum Project
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date October 25, 1927.
Published in
File No. 33923-B
Slide No.

A. H. Form 133
Subject Pen 7½- McCollum Project
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date October 25, 1927.
Published in
File No. 33924-B
Slide No.

A. H. Form 133
Subject Feeding Experiment, McCollum Project
Pen O, inside pullets
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37270-B
Slide No.

A. H. Form 133
Subject Feeding Exper. McCollum Project
Pen O- inside cockerels
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37271-B
Slide No.

A. H. Form 133
Subject Feeding Experiment, McCollum Project
Pen 1, inside pullets
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37272-B
Slide No.

A. H. Form 133
Subject Feeding Experiment, McCollum Project
Pen 1, inside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37273-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 1, outside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37288-B
Slide No.
GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Feeding experiment, McCollumproject
Pen 1- outside cockerals
Taken by
Place Beltsville,Md.
Date Sept. 28, 1928.
Published in
File No. 37289-B
Slide No.

A. H. Form 133

Subject Feeding Experiment, McCollum Project
Pen 2, inside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37275-B
Slide No.

A. H. Form 133

Subject Feeding experiment- McCollum project
Pen 2, outside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37286-B
Slide No.

A. H. Form 133
Subject Feeding Experiment, McCollum Project
Pen 2, inside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928
Published in
File No. 37274-C
Slide No.

A. H. Form 133
Subject Feeding experiment- McCollum Project
Pen 2, outside cockarels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37287-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum Project
Pen 4, inside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37267-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum Project
Pen 4, inside cockerels
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37266-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 5, inside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37255-B
Slide No.

A. H. Form 133
Subject Feeding experiment- McCollum project
Pen 5, outside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37284-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 5, inside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37254-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Feeding experiment- McCollum project
Pen 5, outside pockerals
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37285-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 6, inside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37257-B
Slide No.

A. H. Form 133
Subject Feeding experiment- McCollum project
Pen 6, outside pullets
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37282-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum project, Pen 6, inside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37256-B
Slide No.

A. H. Form 133
Subject Feeding experiment- McCollum project Pen 6, outside cockerels.
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37283-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Feeding experiment, McCollum Project
Pen 7, inside pullets
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37269-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum Project
Pen 7, inside pullets
Taken by
Place Beltsville, Md.
Date September 28, 1928.
Published in
File No. 37268-B
Slide No.

A. H. Form 133

Subject Feeding experiment, McCollum project
Pen 8, inside pullets

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37258-B

Slide No.

A. H. Form 133

Subject Feeding experiment, McCollum project
Pen 8, outside PULLETS

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37290-B

Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 8, inside cockerels.
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37259-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum project
Pen 8, outside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37291-B
Slide No.

A. H. Form 133

Subject Feeding experiment, McCollum project
Pen 9, inside pullets

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37261-B

Slide No.

A. H. Form 133

Subject Feeding experiment- McCollum project
Pen 9, outside pullets.

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37280-B

Slide No.

A. H. Form 133

Subject feeding experiment, McCollum project
Pen 9, inside cockerels

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37260-B

Slide No.

A. H. Form 133

Subject feeding experiment- McCollum project
Pen 9, outside cockerels.

Taken by

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37281-B

Slide No.

A. H. Form 133

Subject: Feeding experiment, McCollum Project
Pen 9½ inside pullets

Taken by:

Place: Beltsville, Md.

Date: Sept. 28, 1928.

Published in:

File No.: 37263-B

Slide No.:

A. H. Form 133

Subject: Feeding experiment, McCollum project
Pen 9½, outside pullets.

Taken by:

Place: Beltsville, Md.

Date: Sept. 28, 1928.

Published in:

File No.: 37279-B

Slide No.:

A. H. Form 133

Subject Feeding experiment, McCollum Project
Pen 9½ inside cockerels

Taken by W.A. Stenhouse

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37262-B

Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133

Subject Feeding Exper. McCollum Project
Pen 9½ - Outisde cockerels

Taken by W. A. Stenhouse

Place Beltsville, Md.

Date Sept. 28, 1928.

Published in

File No. 37278-B

Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum Project, Pen 10, inside pullets.
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37265-B
Slide No.

A. H. Form 133
Subject Feeding Exper. McCollum Project Pen 10, Outisde pullets
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37276-B
Slide No.

A. H. Form 133
Subject Feeding experiment, McCollum Project
Pen 10, inside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37264-B
Slide No.

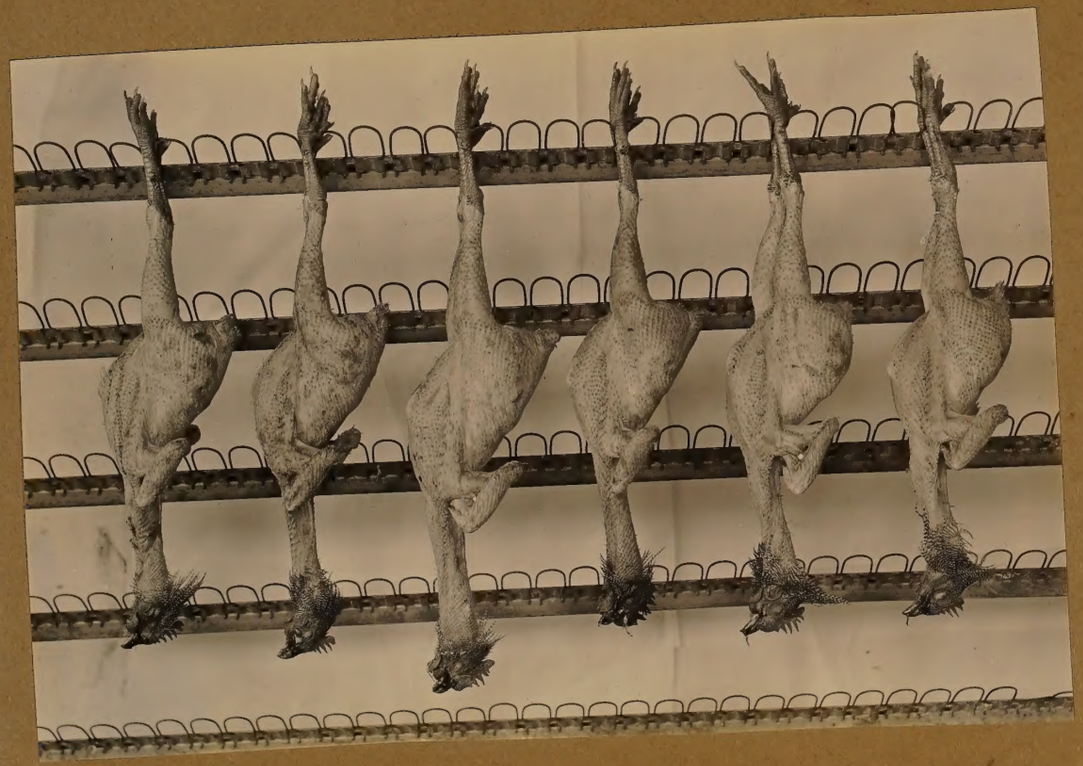
A. H. Form 133
Subject Feeding Exper. McCollum Project
Pen 10- outside cockerels
Taken by
Place Beltsville, Md.
Date Sept. 28, 1928.
Published in
File No. 37277-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen O, inside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37368-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen O, inside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37367-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 1, inside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37364-B
Slide No.

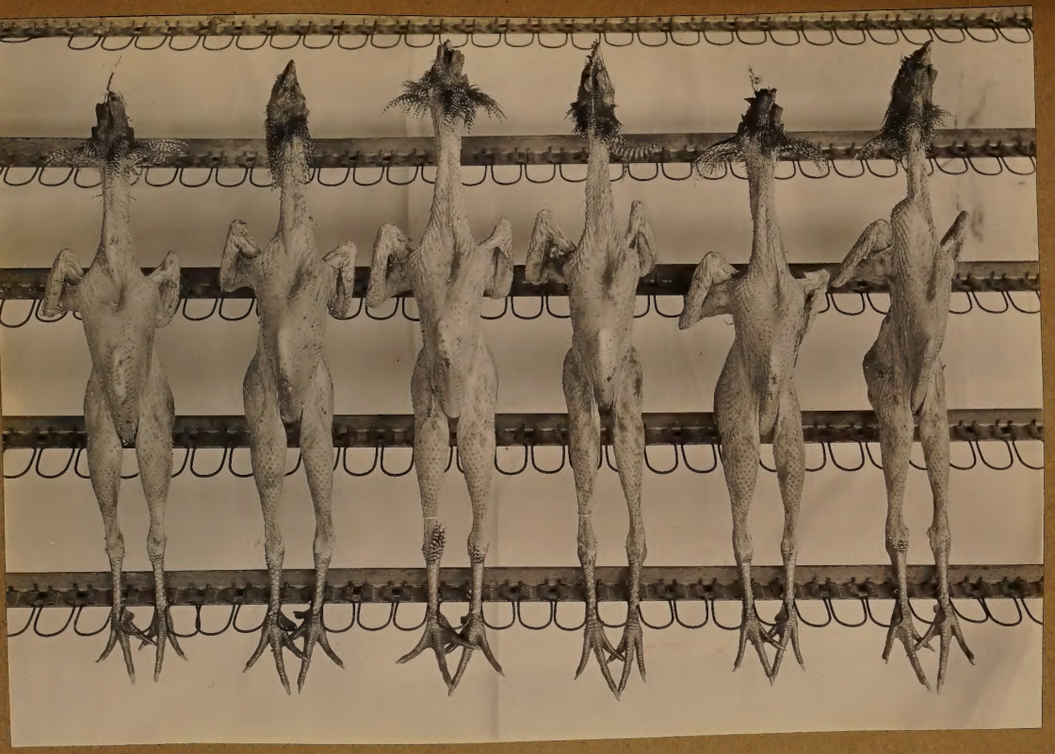


A. H. Form 133
Subject McCollum Project, Pen 1, inside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37363-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 1, outside
Taken by W.A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37362-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 1, outside
Taken by W.A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37361-B
Slide No.



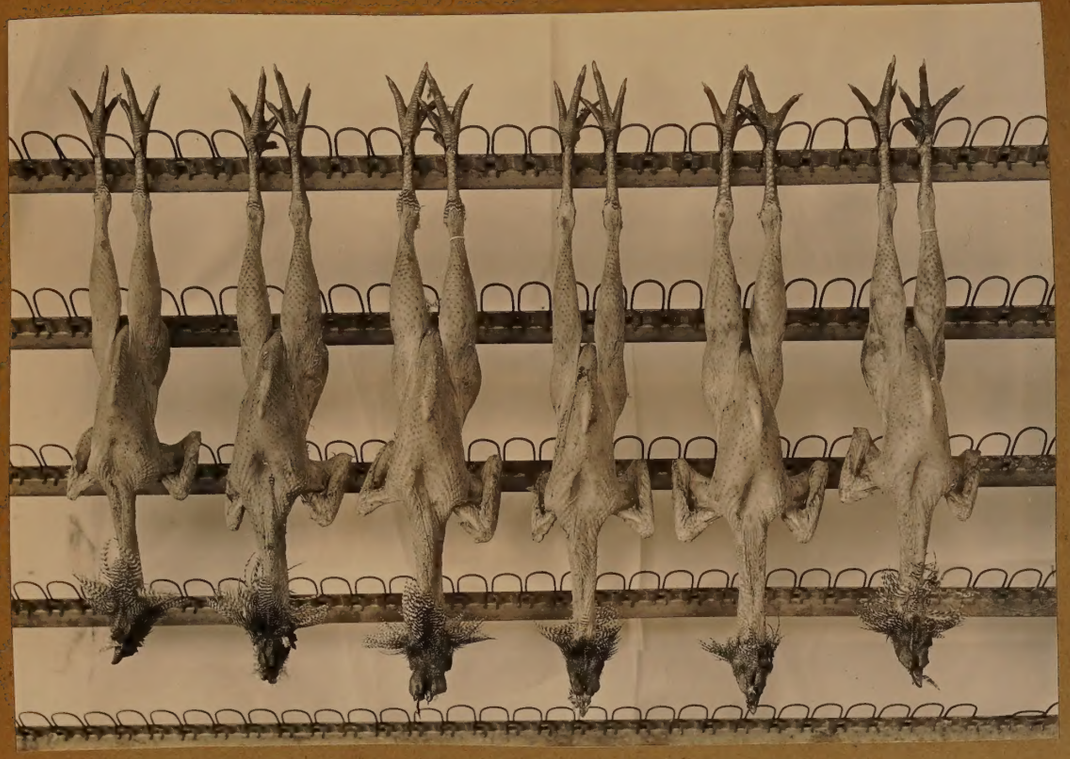
A. H. Form 133
Subject McCollum Project, Pen 2, inside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37360-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject McCollum Project, Pen 2, inside

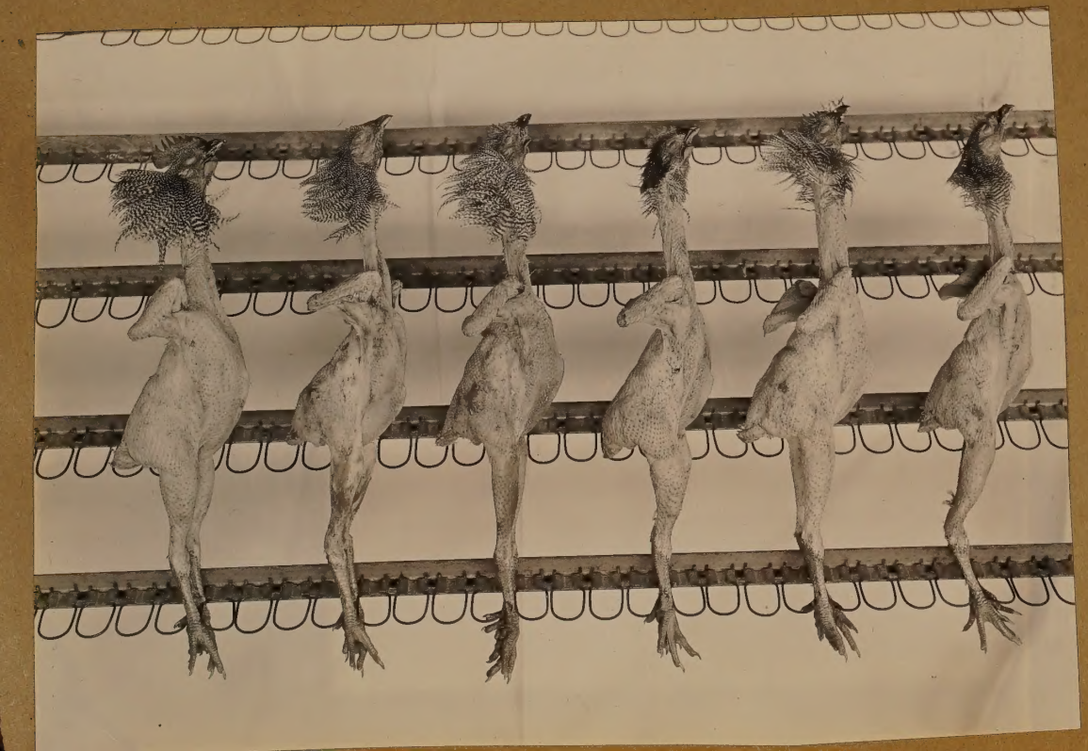
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37359-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 2, outside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37358-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 2, outside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37357-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 4, inside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37370-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 4, inside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37369-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 5, inside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37356-B
Slide No.

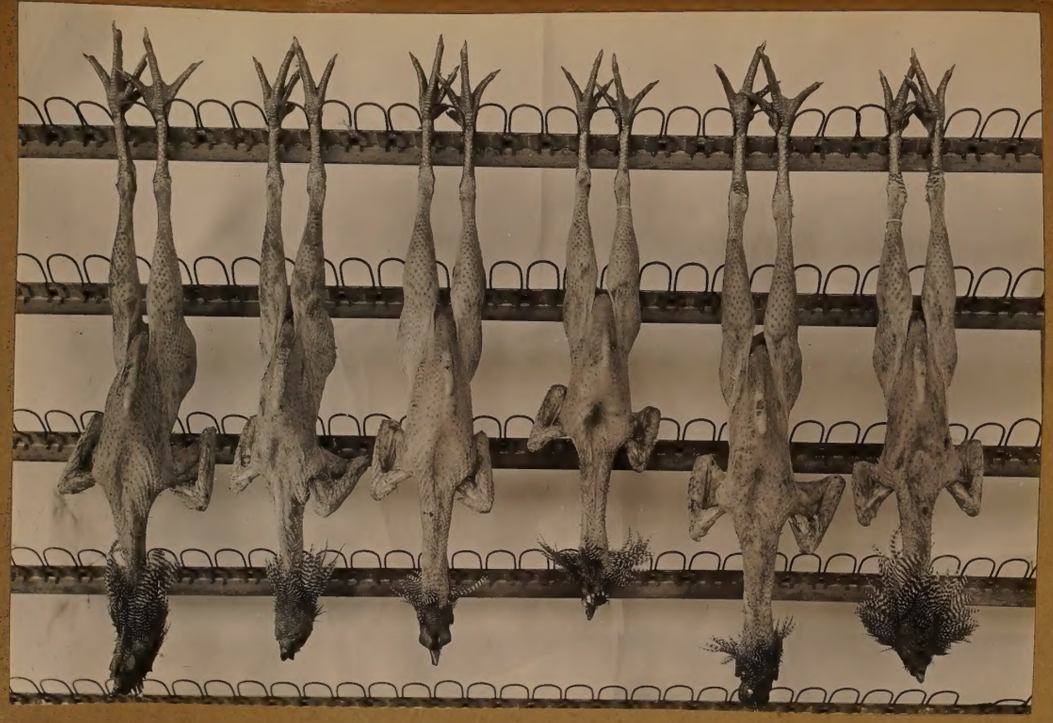
A. H. Form 133
Subject McCollum Project, Pen 5, inside
Taken by W.A.Stenhouse, Beltsville, Md.
Place
Date Nov. 1, 1928.
Published in
File No. 37355-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 5, outside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37354-B
Slide No.
GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject McCollum Project, Pen 5, outside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37353-B
Slide No.

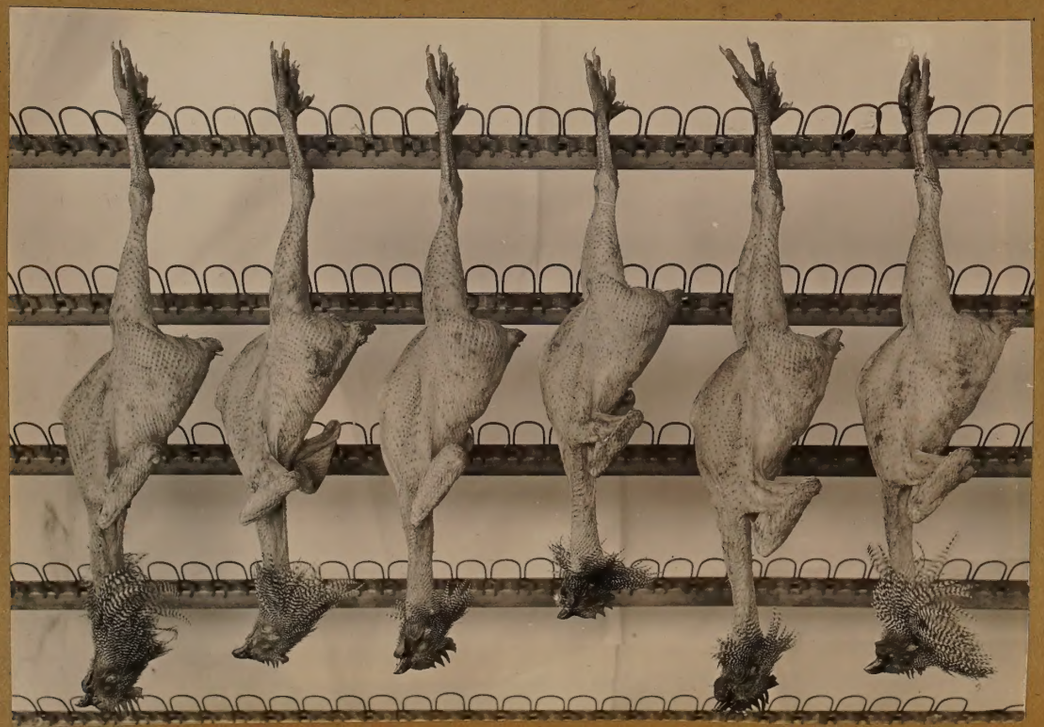
A. H. Form 133
Subject McCollum Project, Pen 6, inside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37352-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 6, inside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37351-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 6, outside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37350-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 6, outside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37349-B
Slide No.

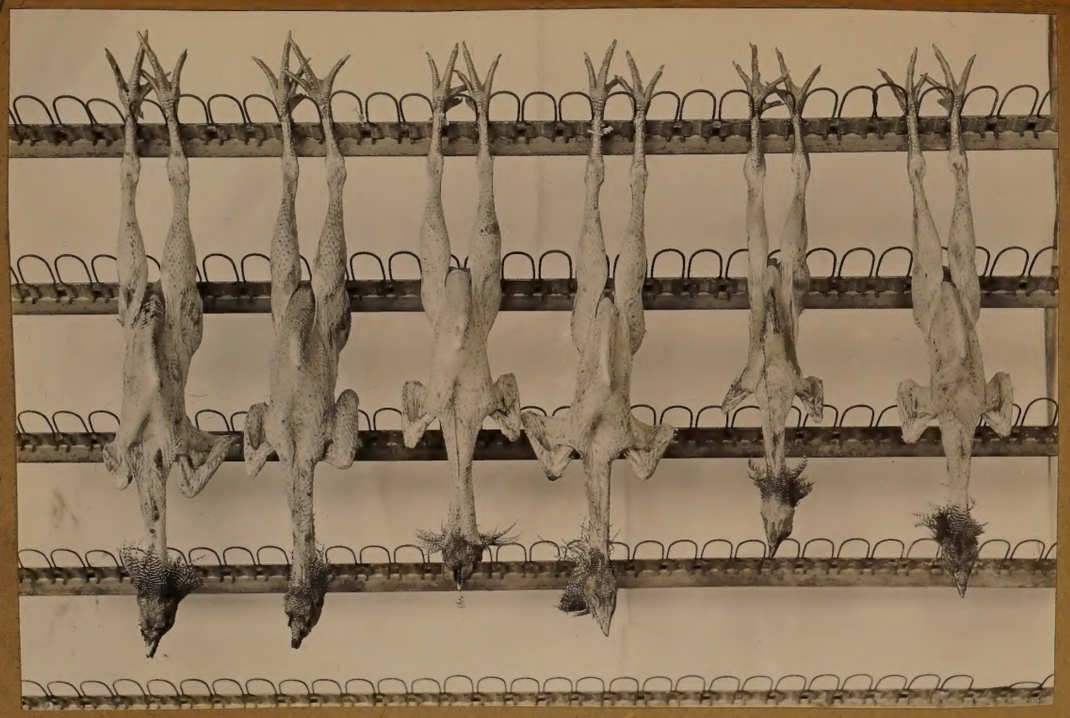
A. H. Form 133
Subject McCollum Project, Pen 7, inside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37366-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject McCollum Project, Pen 7, inside

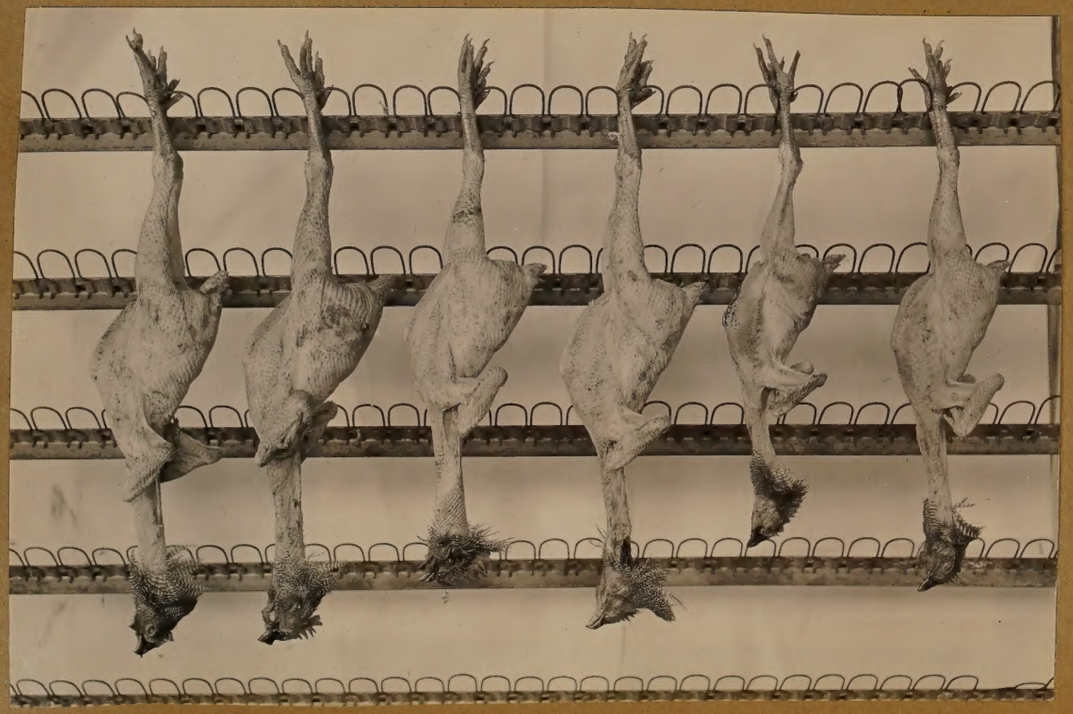
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37365-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 8, inside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37348-B
Slide No.

GOVERNMENT PRINTING OFFICE



A. H. Form 133
Subject McCollum Project, Pen 8, inside

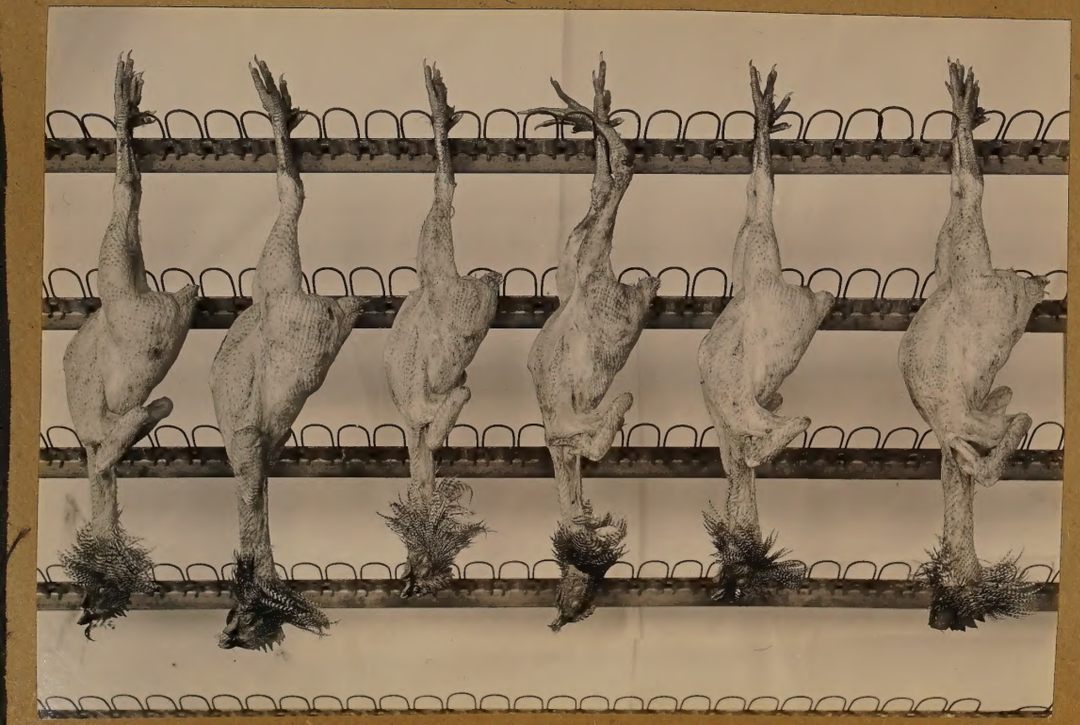
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928
Published in
File No. 37347-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 8, outside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37346-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 8, outside
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37345-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 9, inside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37344-B
Slide No.



A. H. Form 133
Subject McCollum Project, Pen 9 inside

Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37343-B
Slide No.

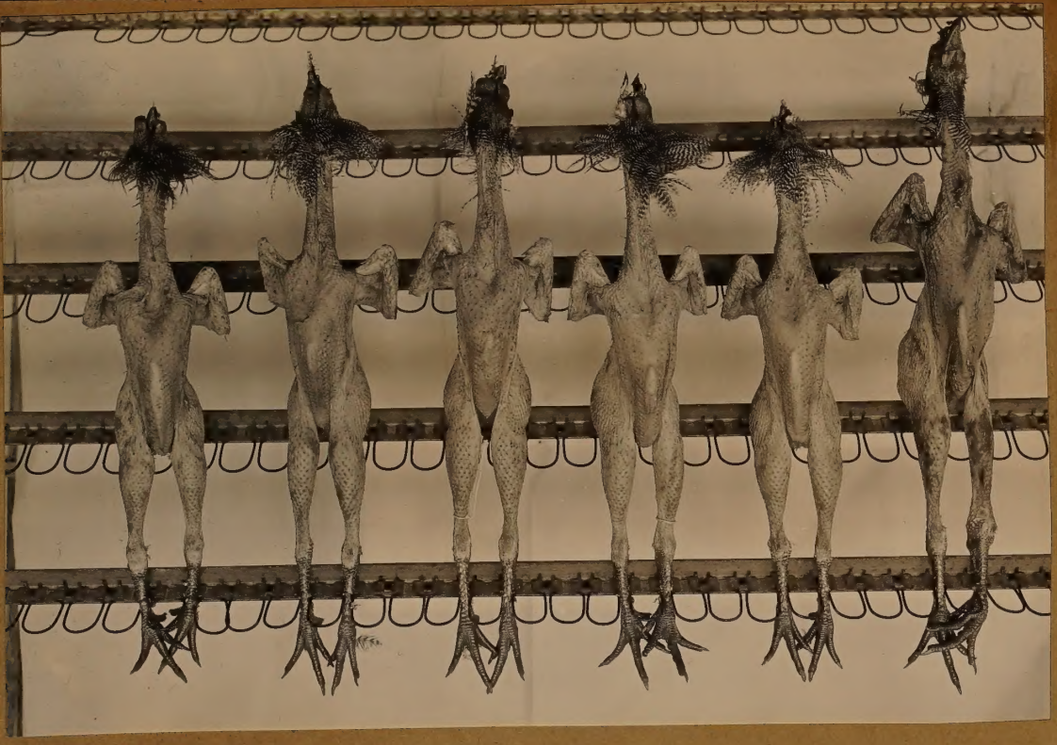
A. H. Form 133
Subject McCollum Project, Pen 9 outside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37342-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject McCollum Project, Pen 9, outside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37341-B
Slide No.



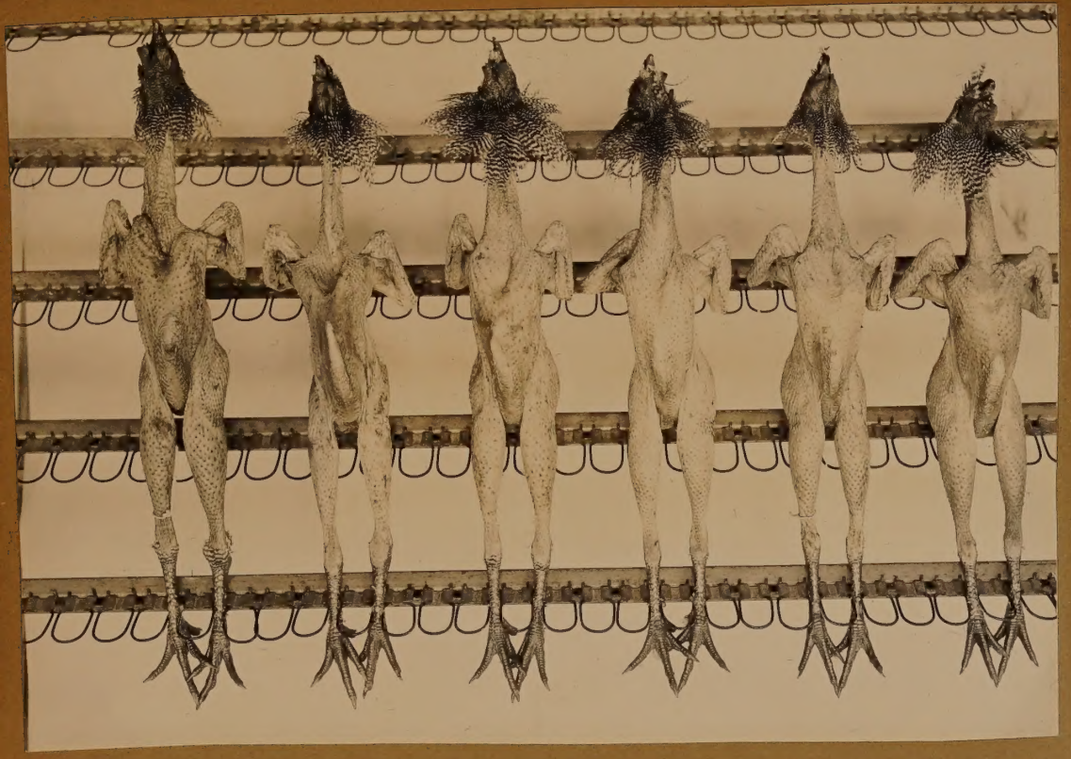
A. H. Form 133
Subject McCollum Project, Pen 9½ inside

Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37336-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Pen 9½ inside, McCollum Project

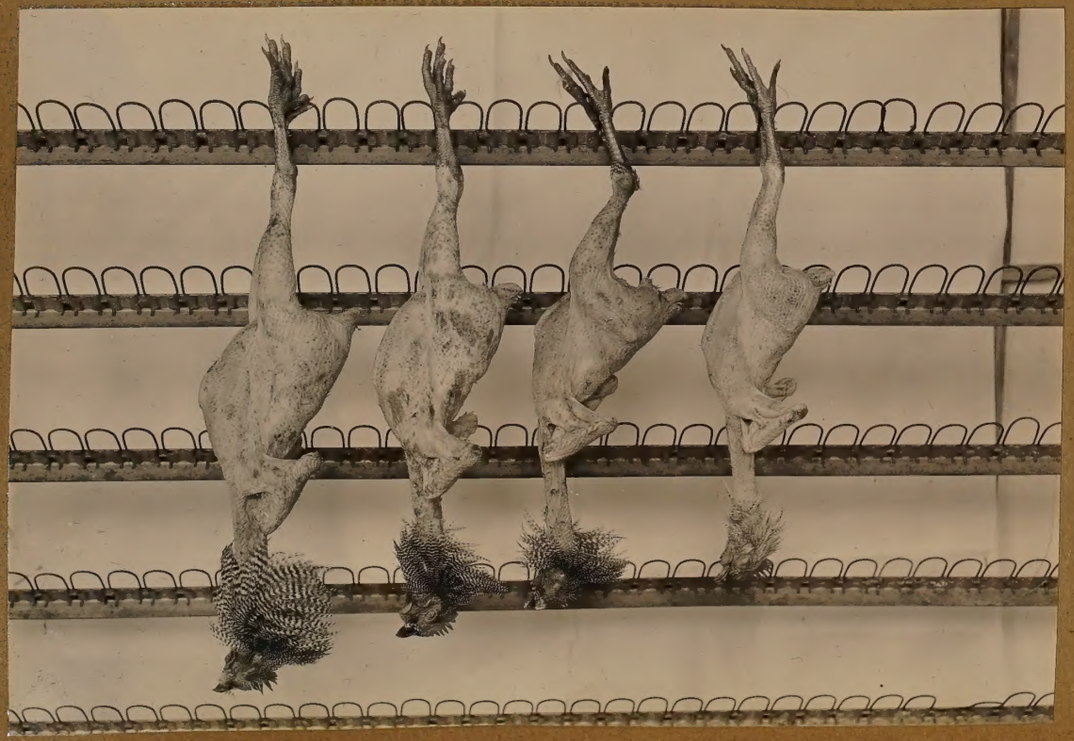
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928
Published in
File No. 37335-B
Slide No.



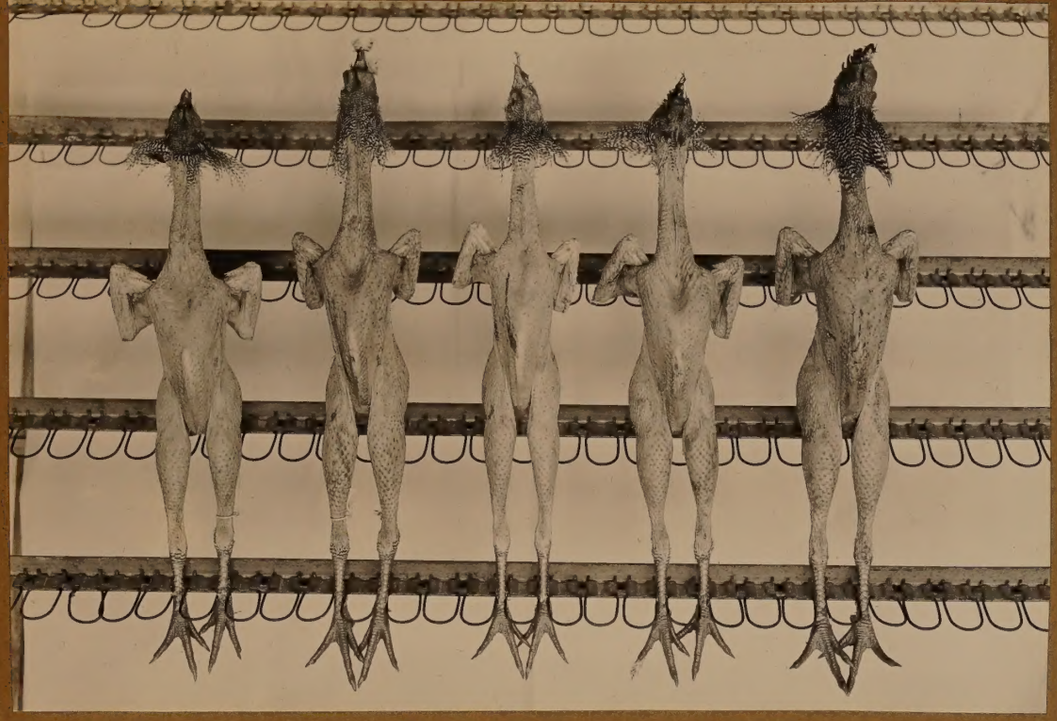
A. H. Form 133
Subject McCollum Project, Pen 9½ outside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37334-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 9½ outside
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37333-B
Slide No.

A. H. Form 133
Subject Pen 10, inside, McCollum Project
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37340-B
Slide No.



A. H. Form 133
Subject Pen 10, inside, McCollum Project
Taken by W.A.Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928
Published in
File No. 37339-B
Slide No.



A. H. Form 133
Subject Pen 10, outside, McCollum Project
Taken by W.A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37338-B
Slide No.

A. H. Form 133
Subject McCollum Project, Pen 10, outside
Taken by W.A. Stenhouse
Place Beltsville, Md.
Date Nov. 1, 1928.
Published in
File No. 37337-B
Slide No.

A. H. Form 133
Subject Rhode Island Red chicks kept indoors without sunlight and fed a good ration without cod liver oil-14 weeks old.
Taken by
Place Beltsville, Md.
Date Mar. 28, 1929
Published in
File No. 37855-B
Slide No.

A. H. Form 133
Subject Rhode Island Red chicks of the same age and feeding as 37855-B except that cod liver oil was used. Chicks 14 weeks old.
Taken by
Place Beltsville, Md.
Date Mar. 28, 1929.
Published in
File No. 37856-B
Slide No.

A. H. Form 133
Subject Female 6921, Pen 88, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34268-B
Slide No.

A. H. Form 133
Subject Male #6923, Pen 88, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34270-B
Slide No.

A. H. Form 133
Subject Male #6980, Pen 90, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34279-B
Slide No.

A. H. Form 133
Subject Female 7109, Pen 90, showing leg weakness in minaral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34271-B
Slide No.

GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject Male #6980, Pen 90, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34276-B
Slide No.

A. H. Form 133
Subject Male 7121, Pen 91, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34275-B
Slide No.

A. H. Form 133
Subject Male #7130, Pen 91, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. [illegible]
Slide No. 34276-B

A. H. Form 133
Subject Male #7166, Pen 92, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34277-B
Slide No.

A. H. Form 133
Subject Female #7258, Pen 94, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place March 3, 1928.
Date Beltsville, Md.
Published in
File No. 34269-B
Slide No.

A. H. Form 133
Subject Female 7458, showing leg weakness in mineral feeding test, Pen 99
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34272-B
Slide No.

A. H. Form 133
Subject Male #7532, Pen 101, showing leg weakness in mineral feeding test
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34273-B
Slide No.

A. H. Form 133
Subject Male 7531, Pen 101, showing leg weakness in mineral feeding test.
Taken by W. A. Stenhouse
Place Beltsville, Md.
Date March 3, 1928.
Published in
File No. 34274-B
Slide No.

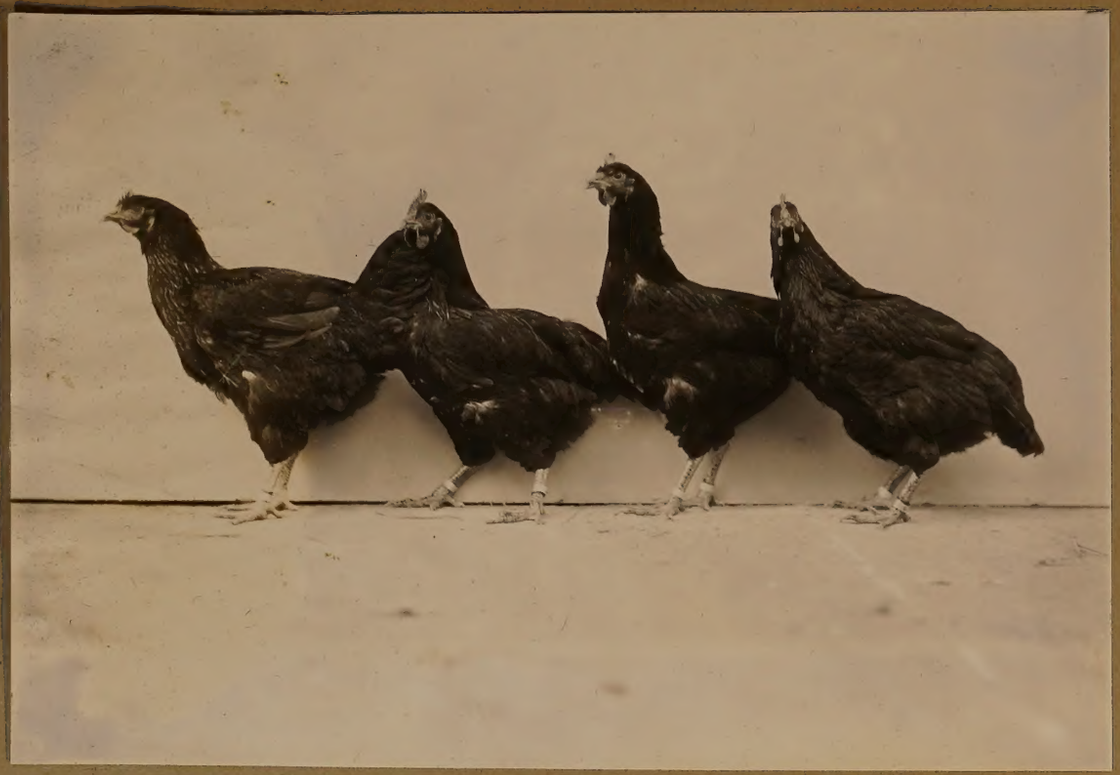
GOVERNMENT PRINTING OFFICE

A. H. Form 133
Subject McCollum Project, inside pen 32,
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39789B
Slide No.

A. H. Form 133
Subject McCollum Project, inside pen 30,
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39790B
Slide No.

A. H. Form 133
Subject McCollum Project Inside pen 29.
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39791B
Slide No.

A. H. Form 133
Subject McCollum Project inside pen 36.
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39792B
Slide No.



A. H. Form 133
Subject McCollum Project Inside pen 34.

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39786B
Slide No.

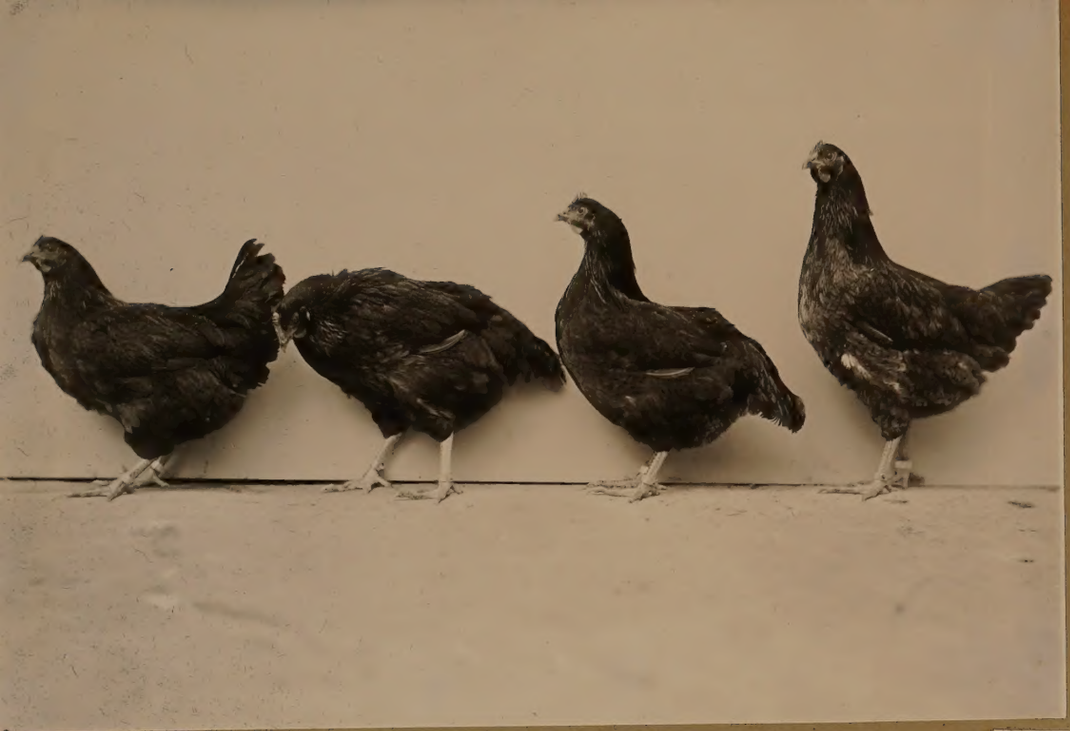
A. H. Form 133
Subject McCollum Project Inside pen 33.

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39787B
Slide No.

A. H. Form 133
Subject McCollum Project, Inside pen 31.

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39788B
Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1920



A. H. Form 133
Subject McCollum Project inside pen 1

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39793B
Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1929

A. H. Form 133
Subject McCollum Project, outside pen 1

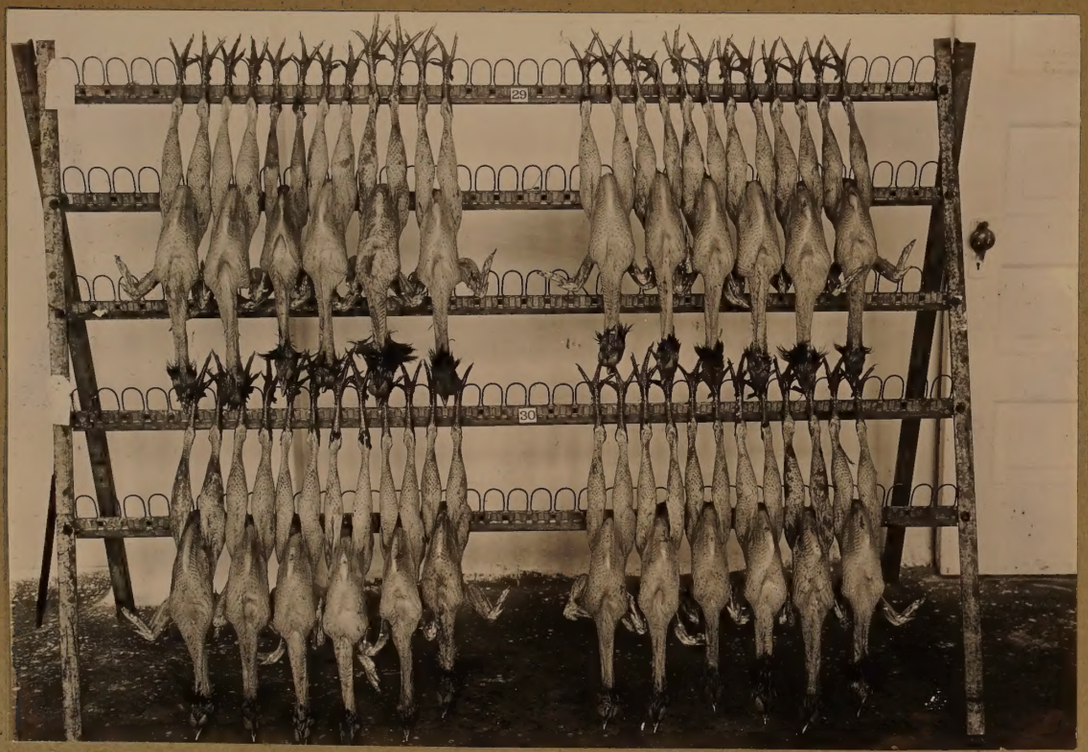
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39794B
Slide No.

A. H. Form 133
Subject McCollum Project, outside pen 31

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39795B
Slide No.

A. H. Form 133
Subject McCollum Project, outside pen 29

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39796B
Slide No.



A. H. Form 133

Subject McCollum Experiment, feeding, pens 29 and 30, R. inside L. out

Taken by W. A. Stenhouse,

Place Beltsville, Md.,

Date September 12, 1929.

Published in

File No. 39433B

Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1929

A. H. Form 133

Subject McCollum Experiment, feeding, pens 31 and 32, R. in L. out.

Taken by W. A. Stenhouse,

Place Beltsville, Md.,

Date September 12, 1929.

Published in

File No. 39432B

Slide No.

A. H. Form 133
Subject Pen No. 89, pullets, 75.0% normal feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June26, 1930.
Published in
File No. 41006B
Slide No.

A. H. Form 133
Subject Pen no. 88, cockerels 75.0% - normal feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41007B
Slide No.

A. H. Form 133

Subject: Pen no. 87, pullets 87.5% normal feed consumption.

Taken by: Mr. Stenhouse,

Place: Beltsville, Md.,

Date: June 26, 1930.

Published in:

File No.: 41008B

Slide No.:

A. H. Form 133

Subject: PenNo. 86, cockerels 87.5% normal feed consumption.

Taken by: Mr. Stenhouse,

Place: Beltsville, Md.,

Date: June 26, 1930.

Published in:

File No.: 41009B

Slide No.:

U. S. GOVERNMENT PRINTING OFFICE: 1929

A-97

A. H. Form 133

Subject #79, vitamins A & D studies, basal diet less cod liver oil plus 4% soy bean meal.

Taken by Mr. Stenhouse,

Place Beltsville, Md.,

Date April 12, 1930.

Published in

File No. 40553B

Slide No.

A. H. Form 133.

Subject #78, vitamins A & D studies, basal diet, less cod liver oil, plus ergosterol equivalent to 1.5% cod liver oil.

Taken by Mr. Stenhouse

Place Beltsville, Md.,

Date April 12, 1930.

Published in

File No. 40554B

Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1929

a 97

83

A. H. Form 133

Subject Vitamins A & D studies, basal diet, less cod liver oil, plus 2.5% alfalfa leaf meal

Taken by Mr. Stenhouse.

Place Beltsville, Md.,

Date April 12, 1930.

Published in

File No. 40549B

Slide No.

A. H. Form 133

Subject 82, Vitamins A & D studies, basal diet, less cod liver oil, plus 2% dried egg yolk.

Taken by Mr. Stenhouse,

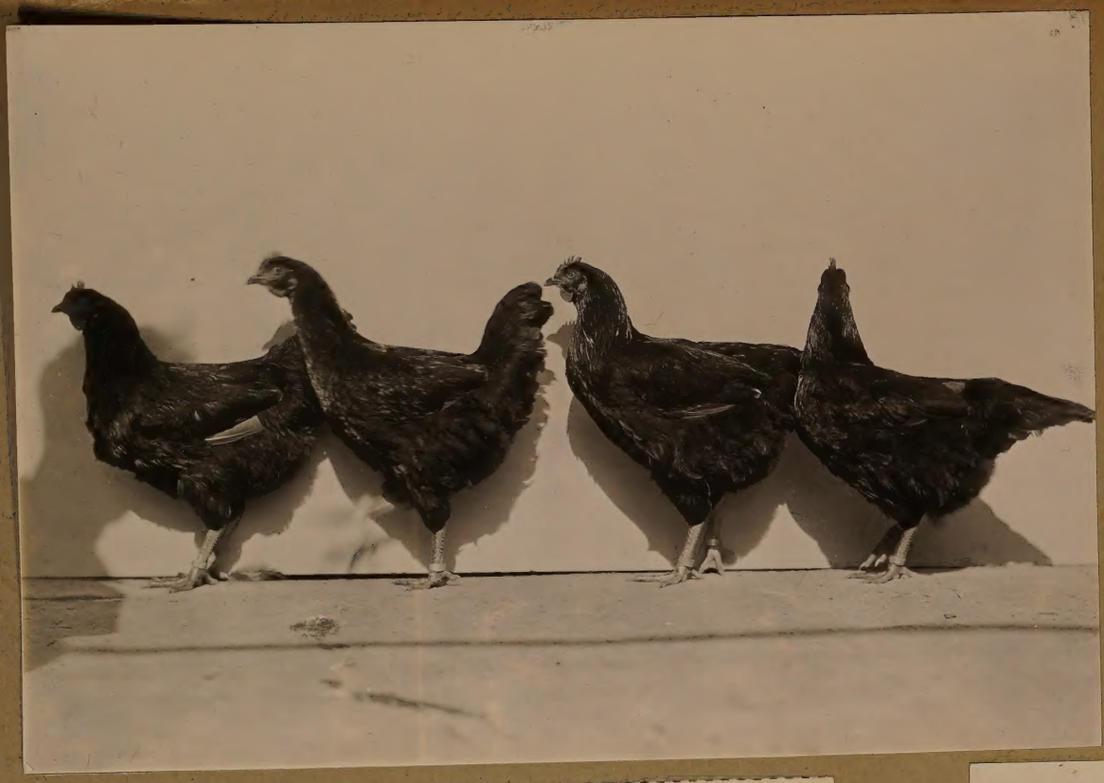
Place Beltsville, Md.,

Date April 12, 1930.

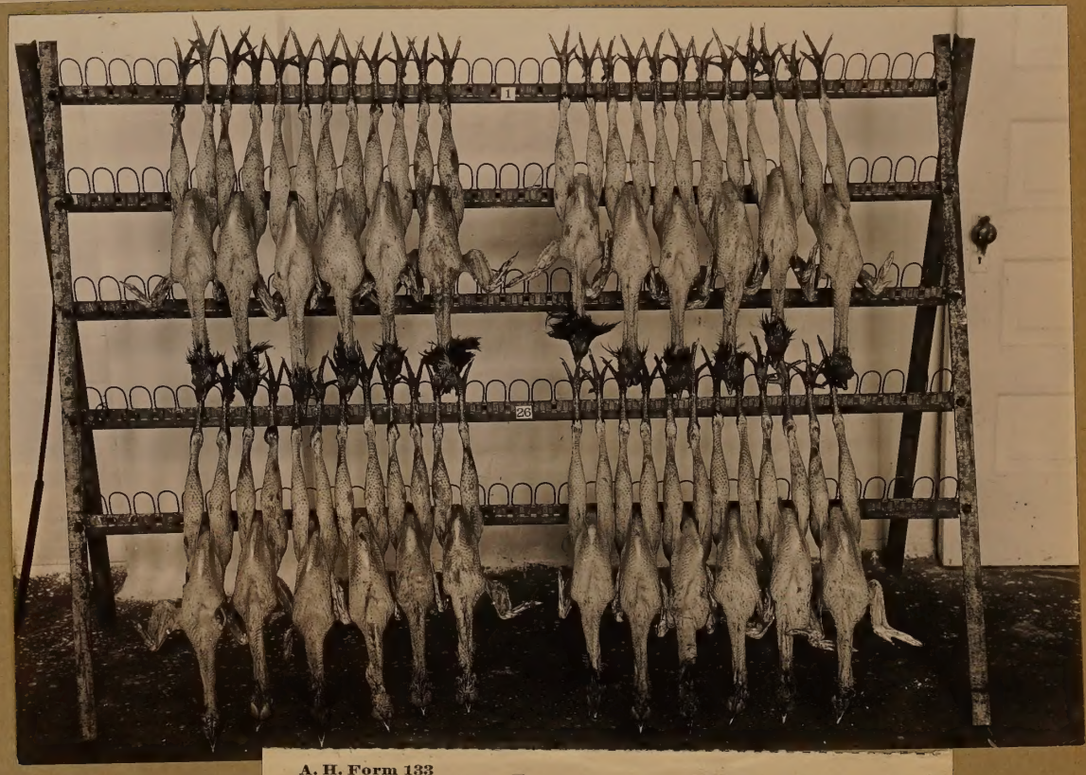
Published in

File No. 40550B

Slide No.



A. H. Form 133
Subject McCollum Project outside pen 34
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39801B
Slide No.



A. H. Form 133
Subject McCollum Experiment pens land 26
R. in L. out. , Feeding experiment
Taken by W. A. Stenhouse
Place Beltsville, Md.,
Date September 12, 1929.
Published in
File No. 39430B
Slide No.

A. H. Form 133

Subject McCollum Experiment, feeding, pens 33 and 34, R. in L. out

Taken by W. A. Stenhouse,

Place Beltsville, Md.,

Date September 12, 1929.

Published in

File No. 39431B

Slide No.

39432-B

A 97

A. H. Form 133
Subject: Pen No. 93, pullets 50.0% normal feed consumption.
Taken by: Mr. Stenhouse,
Place: Beltsville, Md.,
Date: June 26, 1930.
Published in:
File No.: 41018B
Slide No.:

A. H. Form 133
Subject: Pen No. 92, cockerels 50.0% normal feed consumption.
Taken by: Mr. Stenhouse,
Place: Beltsville, Md.,
Date: June 26, 1930.
Published in:
File No.: 41019B
Slide No.:

A. H. Form 133
Subject Pen No. 91, Pullets 62.5% normal feed consumption
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41020B
Slide No.

A. H. Form 133
Subject Pen No. 90, cockerels 62.5% normal feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41021B
Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1929

A. H. Form 133

Subject 81. Vitamins A & D studies, basal diet less cod liver oil, plus 1% irradiated animal poultry yeast.

Taken by Mr. Stenhouse,

Place Beltsville, Md.,

Date April 12, 1930.

Published in

File No. 40551B

Slide No.

A. H. Form 133

Subject #80, Vitamins A & D studies, basal diet (the best birds were removed from this group before the picture was taken.)

Taken by Mr. Stenhouse,

Place Beltsville, Md.,

Date April 12, 1930.

Published in

File No. 40552B

Slide No.

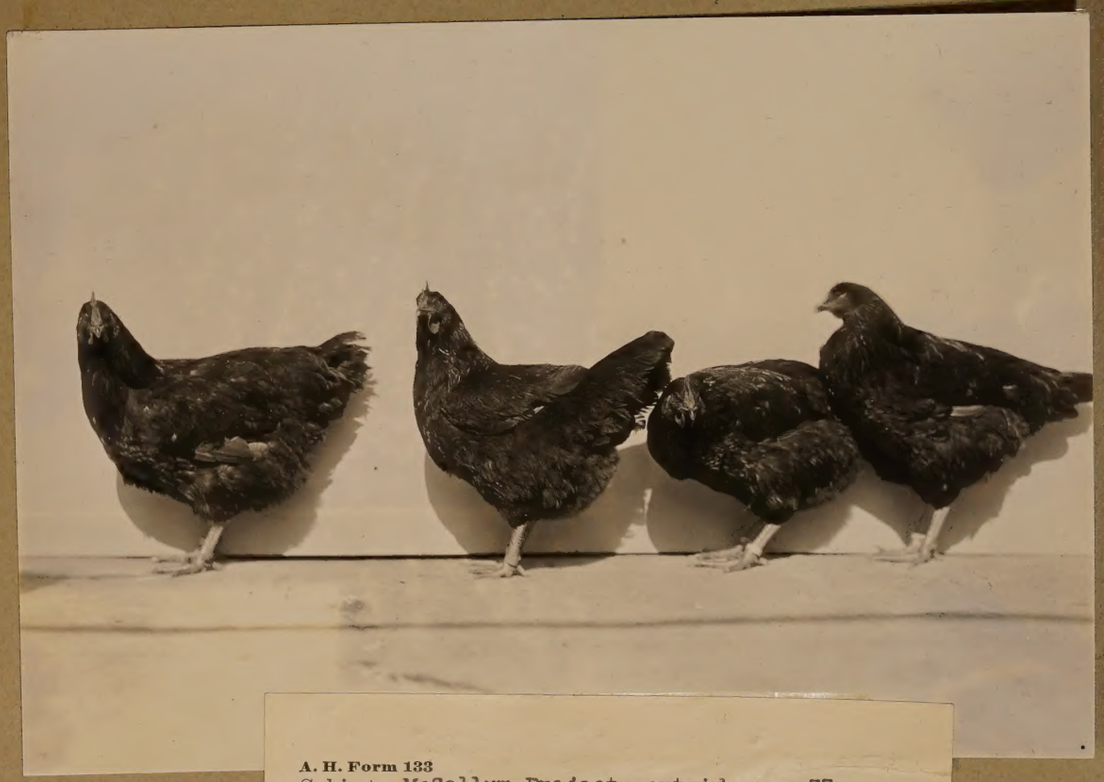
A. H. Form 133
Subject McCollum Project, outside pen 26
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39797B
Slide No.

A. H. Form 133
Subject McCollum Project, outside pen 30
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39798B
Slide No.

A. H. Form 133
Subject McCollum Project, outside pen 32

Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39799B
Slide No.

U. S. GOVERNMENT PRINTING OFFICE: 1929



A. H. Form 133
Subject McCollum Project, outside pen 33

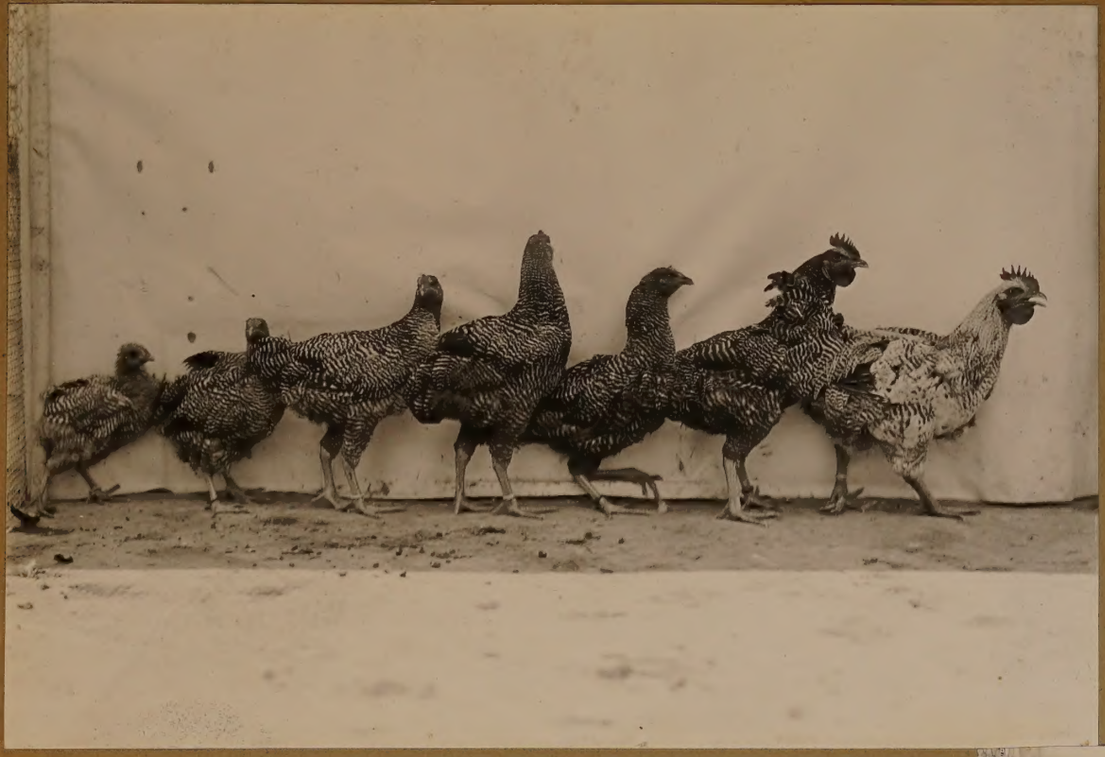
Taken by W. A. Stenhouse,
Place Beltsville, Md.,
Date October 24, 1929.
Published in
File No. 39800B
Slide No.

a971

A. H. Form 133
Subject #77, vitamins A & D studies, basal diet less cod liver oil, age 8 weeks, 3 days.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date April 12, 1930.
Published in
File No. 40555B
Slide No.

A. H. Form 133
Subject Pen No. 85, pullets ad lib. feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41010B
Slide No.

A. H. Form 133
Subject Pen No. 84, cockerels, ad lib. feed consumption
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41011B
Slide No.



A. H. Form 133
Subject One cockerel from each of the cockerel pens
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41012B
Slide No.

A. H. Form 133
Subject One pullet from each of the pullet pens
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41013B
Slide No.

a97

A. H. Form 133
Subject: Pen No. 97, pullets 25.0% normal feed consumption.
Taken by: Mr. Stenhouse,
Place: Beltsville, Md.,
Date: June 26, 1930.
Published in:
File No.: 41014B
Slide No.:

A. H. Form 133
Subject: Pen No. 96, cockerels 25.0% normal feed consumption.
Taken by: Mr. Stenhouse,
Place: Beltsville, Md.,
Date: June 26, 1930.
Published in:
File No.: 41015B
Slide No.:

U. S. GOVERNMENT PRINTING OFFICE: 1929

A. H. Form 133
Subject Pen No. 95, pullets 37.5% normal feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41016B
Slide No.

A. H. Form 133
Subject Pen No. 94, cockerels 37.5% normal feed consumption.
Taken by Mr. Stenhouse,
Place Beltsville, Md.,
Date June 26, 1930.
Published in
File No. 41017B
Slide No.